

IN THE ABSTRACT:

Please amend the abstract as follows.

- - A heating value meter for gases has an outer cylindrical mantle with an outer thermostatic heating apparatus and at least one inlet for introduction of air and at least one inlet for introduction of [[a]] test or calibration gas. The outer ~~mandrel-mantle~~ has an outer heating mantle and a bottom part containing an outer sensor of the outer thermostatic apparatus. A cylindrical measuring block is located coaxially inside the outer mantle and is equipped with an axially inserted internal sensor of an electrical ~~long-distance~~ remote thermometer of an internal thermostatic apparatus. The heating mantle, the outer sensor, an electrical heating block and an internal sensor, are interconnected via the outer and internal thermostatic apparatus and are adjusted for maintaining a constant temperature by regulation of the electrical input to the electrical heating block, or by the input to the heating mantle where, in addition, the measuring apparatus is connected by an electric lead to the electrical heating block. - -